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TITLE: Intrapipe spot examination pig device.

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ABSTRACT:

An intrapipe spot examination pig device is disclosed which comprises a pig body (12) to be travelled, under pressure, within a pipe line to be examined, a detector (28) for detecting any weld spot of interest within the pipe line, a travelling distance meter for measuring the travelling distance in interlock

with the movement of the pig, and a photographing device (32), mounted within the pig body, for photographing the side surface and weld spot of the pipe line. The photographing device is controlled by a control unit (53) so that any defect spot in the inner surface of the pipe line can be photographed in a continuous mode and any weld spot can be photographed when that spot is detected at that location.

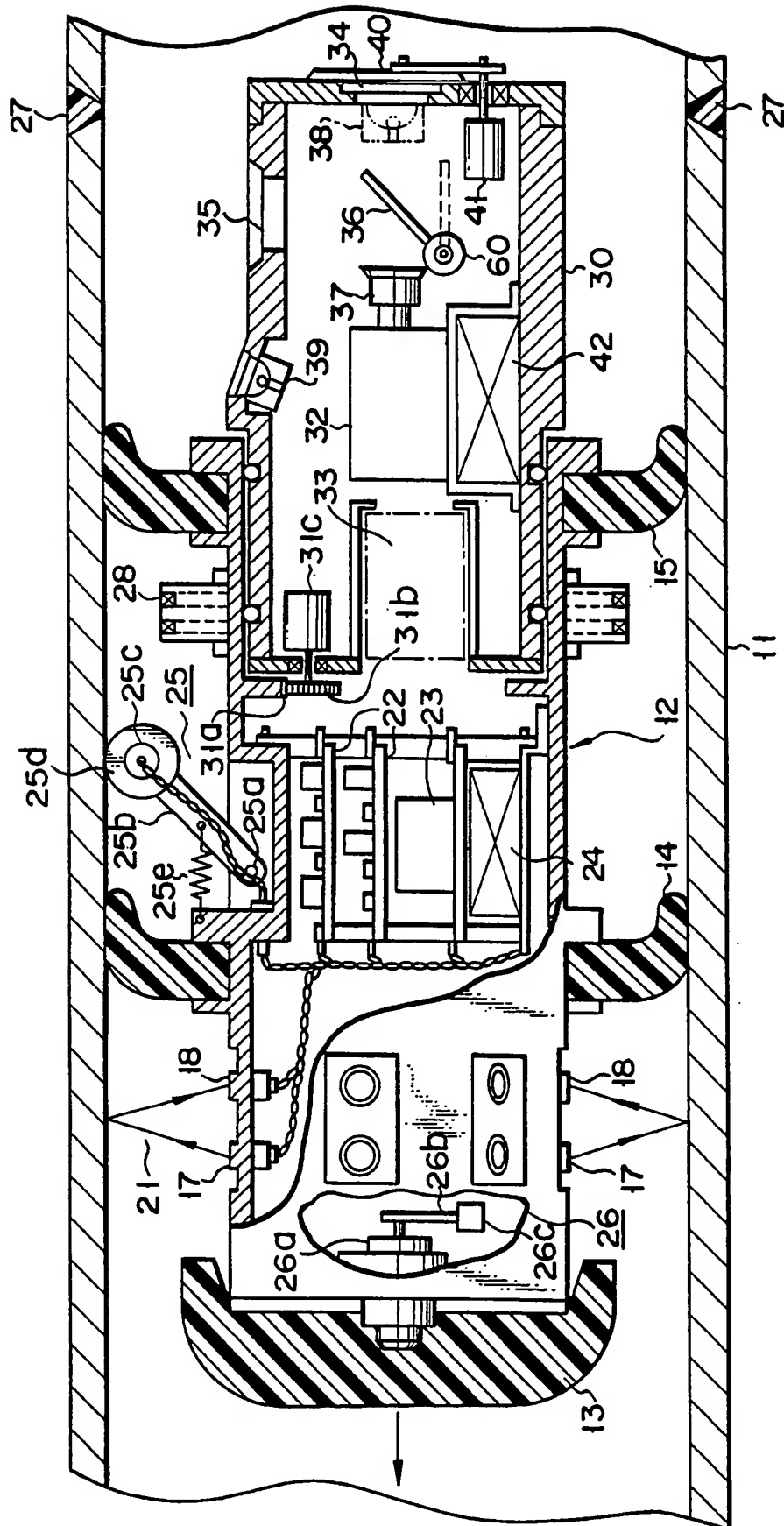


FIG. 1

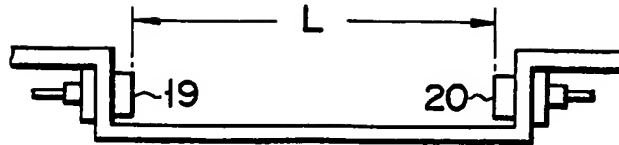


FIG. 2

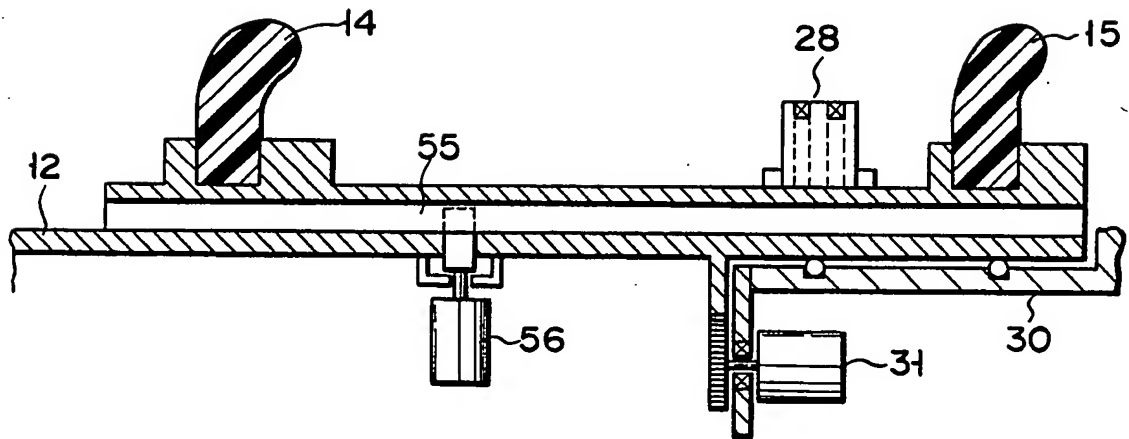


FIG. 4

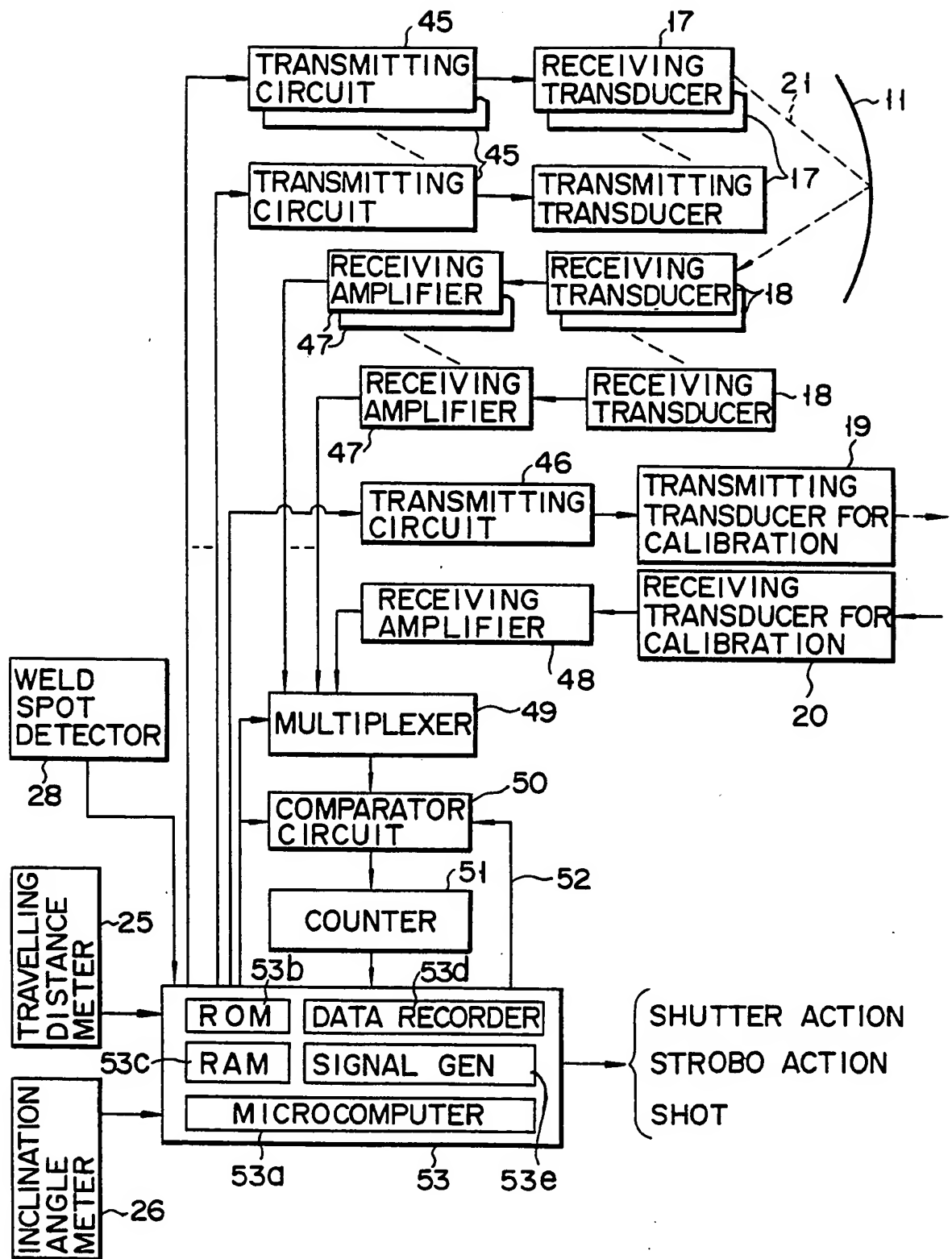


FIG. 3